

## On some *Ancistria* spp. from the Natural History Museum, Vienna (Coleoptera, Passandridae)

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**On some *Aucistria* spp. from the Natural History Museum, Vienna (Coleoptera, Passandridae).** - Information is provided on a collection of *Aucistria* spp. deposited in the Natural History Museum, Vienna. *A. schuhi* sp. n. is described and illustrated based on material from Java. Characters are listed to separate it from its closest relative, *A. grouvellei*. *A. indicus* and *A. tenera*, known up to now only from their type series, are recorded from additional localities in India: Kerala and Java respectively. A specimen of *A. retusa* from Brazil confirms the presence of the species in the New World.

**Key-words:** Coleoptera - Passandridae - *Ancistria* - taxonomy.

### INTRODUCTION

*Ancistria* is with 33 described species the largest genus of the cucujoid family Passandridae. It is restricted to the Old World with the exception of a single specimen of *A. retusa* (Fabricius) which may originate from Brazil. *Ancistria* is most diverse in the Indo-Australian tropics. The taxonomy of the group was revised by BURCKHARDT & SLIPINSKI (1995) who diagnosed the species and provided a key for their identification.

The present paper deals with a collection of *Ancistria* deposited in the Natural History Museum, Vienna (NHMW) which contains five known and one new species. Morphological terminology follows BURCKHARDT & SLIPINSKI (1995). Duplicates are kept in the Natural History Museum, Geneva (MHNG).

### *Ancistria apicalis* Reitter

Material examined. China: 1 specimen, Hunan, Huitong, 1992, ex larva (C. Holzschuh) (NHMW).

Previously reported from Japan, China and Vietnam (BURCKHARDT & SLIPINSKI, 1995).

***Ancistria beccarii*** Grouvelle

Material examined. Indonesia: 1 specimen, W Sumatra, 1992 (NHMW); 1 specimen, SE Sulawesi, Kendari Airport, 30 km W of Kendari, 11–14.II.1994 (M. Strba & I. Jenis) (NHMW).

Previously reported from New Guinea, Moluccas and Malaysia (BURCKHARDT & SLIPINSKI, 1995).

***Ancistria indica*** Burckhardt & Slipinski

Material examined. India: 2 specimens, Kerala, Cardamom Hills, 10 km SW Munnar Vattiar, 1000 m, 6–18.XII.1993 (Boukal & Kejval) (NHMW).

Previously known only from the type series which was reported with some doubt from India: Tamil Nadu. The new material confirms the occurrence of the species in Southern India.

***Ancistria retusa*** (Fabricius)

Material examined. Taiwan: 1 ♂, Formosa, Fuhosho (Sauter) (NHMW). S Vietnam: 5 ♂♂, 14 km SW Bao Loc, 16–29.V.1994 (Pacholatko & Dembicky) (NHMW). Indonesia: 6 ♂♂, 3 ♀♀, SE Sulawesi, Buton Island, Warkarumba, 3–7.II.1994 (M. Strba & I. Jenis) (NHMW, MHNG). Brazil: 1 ♂, without additional data (NHMW).

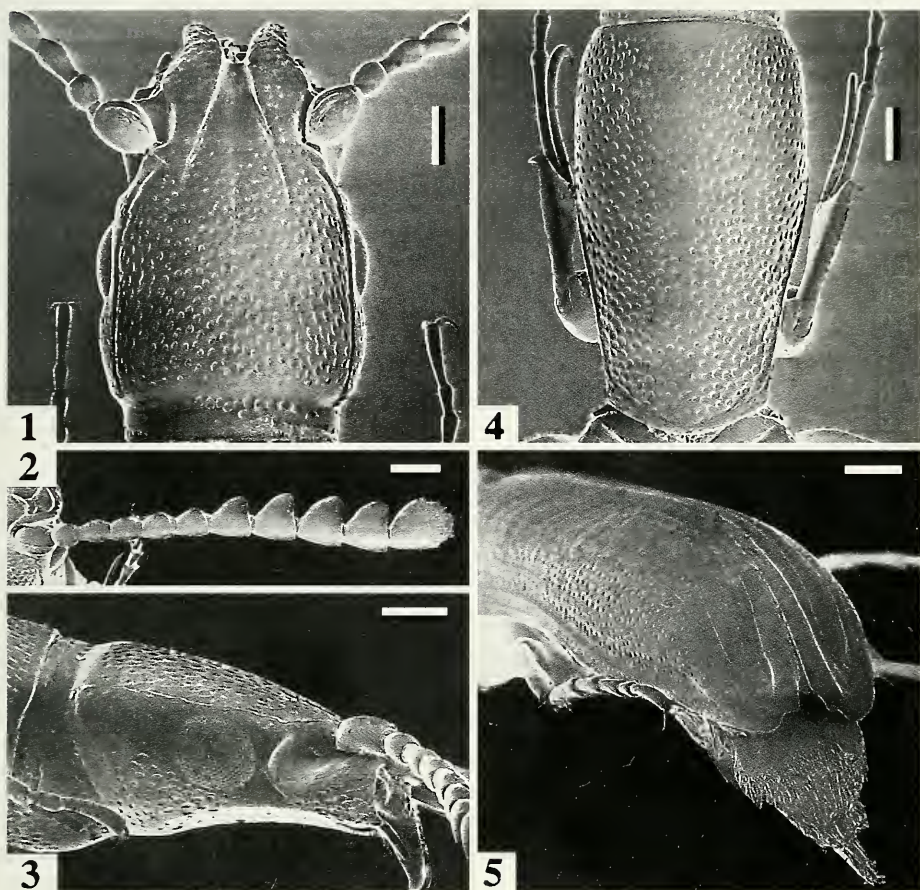
Reported from Africa, Tropical Asia, Australia and questionably from Brazil (BURCKHARDT & SLIPINSKI, 1995). The specimen from Brazil from the NHMW confirms the occurrence of the species in the New World.

***Ancistria schuhi*** sp. n.

(Figs 1–7)

Material examined: Holotype ♀, Indonesia: W Java, Puncak Pass, SE Bogor, Telaga Warna, ca. 1400 m, 1.VIII.1994 (R. Schuh) (NHMW). Paratype: 1 ♀, same data as holotype but (MHNG).

Description. Length 6.3–6.5 mm. Almost black, tarsi dark reddish brown, abdominal venter dark brown; surface shiny. Head (fig. 1) 1.4 times as long as wide; punctation slightly strigose laterally; median line present in apical half, absent from basal half; admedian lines moderately long, straight, admedian lobes narrowly triangular; lateral frontal processes flattened, anteriorly produced into a large, weakly outwards curved lobe which is evenly rounded apically; joint width of frontal processes 5.3 times that of frontoclypeal depression. Eye moderate in size (fig. 3), temple length/eye diameter ratio as 1.4. Antenna (figs 1, 2) with segment 1 bearing 2 fine, unequal dorsal grooves; segment 2 subglobular; segments 3–6 asymmetrically oval; segments 7–11 flattened, forming a distinct club; segment 11 longer than wide. Pronotum (fig. 4) 1.8 times as long as wide, not or indistinctly bordered at base, evenly widening in apical half, with subparallel margins over most of apical half, slightly narrowed apically; punctation similar to that on head, denser laterally, apico-laterally slightly strigose, basi-laterally somewhat confluent, in basal half leaving a narrow median stripe uncovered. Mesotibia about as long as first tarsomere of mid-leg. Elytra (fig. 5) 3.3 times as long as wide, 2.0 times as long as pronotum; costa 3 weakly inflated subapically, costae 4 and 6 merging apically; interval 3 long, interval

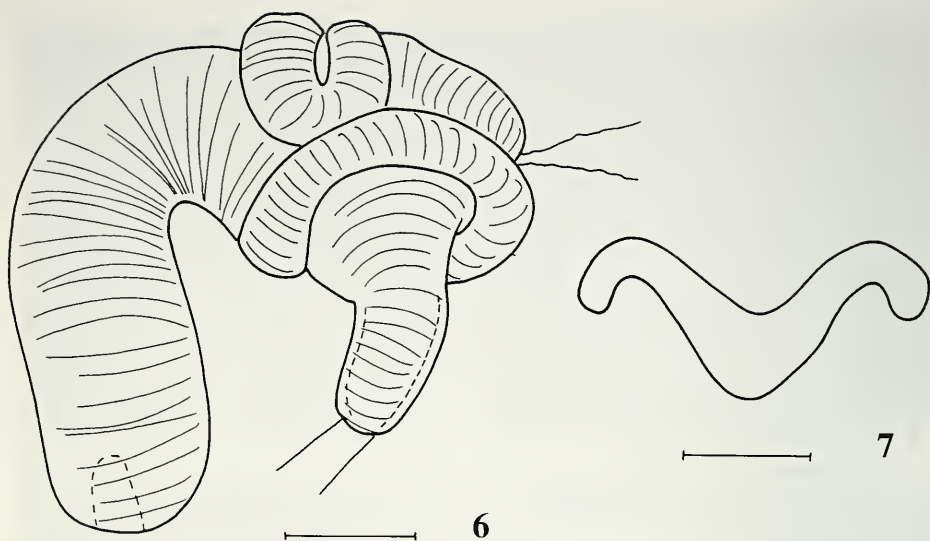


FIGS 1-5

*Ancistria schuhi* sp. n., ♀ holotype. 1, head, dorsal view; 2, antenna; 3, head, in profile; 4, pronotum, dorsal view; 5, elytra, oblique rear view. Scale bars = 0.2 mm.

5 short, and interval 4 intermediate; apex moderately emarginate, distinctly incised at suture, with distinct tooth. Female genitalia as in figs 6 and 7; male unknown.

**Affinities.** *A. schuhi* is closely related to *A. grouvellei* Burckhardt & Slipinski based on the flattened, broad, anteriorly prolonged frontal processes, in addition to the long pronotum and the tibia and basitarsus of the mid-legs which are approximately of the same length. *A. schuhi* differs from *A. grouvellei* in the larger body size, the larger anterior lobes on the frontal processes, the more emarginate elytral apex and the more convoluted spermatheca.



FIGS 6-7

*Ancistria schuhi* sp. n.. ♀ paratype. 6, spermatheca; 7, ostium bursae. Scale bars = 0.1 mm.

### ***Ancistria tenera* Günther**

Material examined. Indonesia: 2 ♂♂, W Java, Puncak Pass, SE Bogor, Telaga Warna, ca. 1400 m. 1.VIII.1994 (R. Schuh) (NHMW, MHNG).

Previously known only from the ♂ holotype from W Java (Heller & Günther, 1936).

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### REFERENCES

- BURCKHARDT, D. & S.A. SLIPINSKI. 1995. A review of the Passandridae of the world (Coleoptera, Cucujoidea). IV. Genus *Ancistria*. – *Revue suisse de Zoologie* 102: 995–1044.
- HELLER, K.M. & K. GÜNTHER. 1936. Über einige von H. Overbeck 1933/34 auf Java gesammelten Insekten. *Tijdschrift voor Entomologie* 79: 64–76.